





## **M 5.9, 145 km E of Ust-Kamchatsk Staryy, Russia** Origin Time: 2023-10-26 16:05:12 UTC (Fri 03:05:12 local) Location: 56.0812° N 164.7965° E Depth: 10.0 km

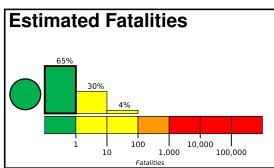
**PAGER** Version 4

10,000

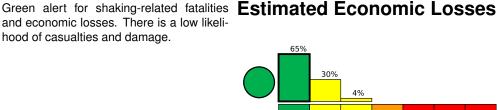
100,000

1,000

Created: 1 day, 1 hour after earthquake



and economic losses. There is a low likelihood of casualties and damage.



Estimated Population Exposed to Earthquake Shaking

							<u> </u>			
	POPULATION E (k=x1000)	_*	1k*	4k	0	0	0	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	11-111	IV	V	VI	VII	VIII	IX	X+
PERCEIVE	SHAKING	Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy	V. Heavy
DAMAGE	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy	V. Heavy

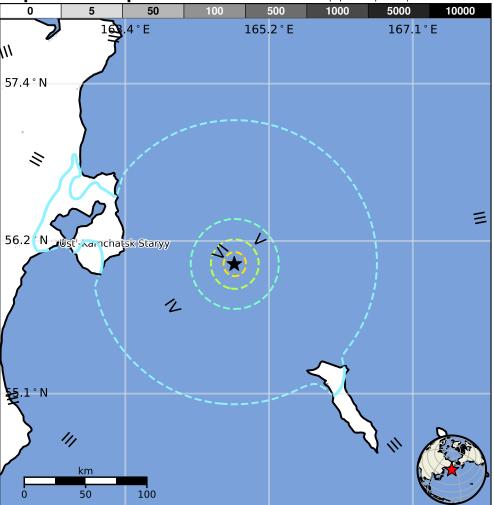
<sup>\*</sup>Estimated exposure only includes population within the map area.

## Population Exposure

population per 1 sq. km from Landscan



Overall, the population in this region resides in structures that are resistant to earthquake shaking, though vulnerable structures exist. The predominant vulnerable building types are adobe block and unreinforced brick with mud construction.



Historical Earthquakes

Date	Dist.	Mag.	Max	Shaking
(UTC)	(km)		MMI(#)	Deaths
1984-12-28	88	6.7	V(4k)	_
1997-12-05	226	7.8	VII(1k)	_
1983-08-17	219	7.0	VII(2k)	_

## **Selected City Exposure**

from GeoNames.org

	City	Population
IV	Ust'-Kamchatsk Staryy	5k

PAGER content is automatically generated, and only considers losses due to structural damage. Limitations of input data, shaking estimates, and loss models may add uncertainty.

bold cities appear on map.

(k = x1000)